

VII. Abstract

The present invention is directed to compositions and methods for the induction of immune responses in mammals against enveloped animal viruses. More particularly, the invention provides vaccine compositions containing multiple MHC allotypes. By generating an immune response against these MHC molecules, virus or virus-infected cells expressing foreign MHC molecules can be attacked prior to infection of cells in the immunized host. In some embodiments, the vaccine compositions contain viral antigens and adjuvants as well. The vaccine compositions may comprise intact cells, cell-derived membrane preparations or recombinantly or chemically produced MHC molecules or fragments thereof.